

Title (en)
A HINGE

Publication
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Application
EP 84306929 A 19841011

Priority
GB 8327165 A 19831011

Abstract (en)
[origin: EP0139509A2] A hinge (10), for example for rear view mirror for a vehicle, comprises first and second members (12, 11) hinged about a pin (13) secured to the second member (11). A detent arrangement normally holds the two members in one position relative to each other, but permits them to be deflected from that position. The detent arrangement comprises a camming surface (33) on the first member and a follower on the hinge pin which is spring biased against the camming surface. In order to provide for low friction the follower comprises a pair of rollers (32) which are mounted on respective axles projecting radially from the hinge pin. Furthermore, in order to reduce friction and wear, the rollers (32) taper towards the axis of the hinge pin and the camming surface is correspondingly inclined. Thus, along the line of contact of each roller with the camming surface, the roller can roll along the camming surface rather than skid.

IPC 1-7
E05D 11/10; **B60R 1/06**

IPC 8 full level
B60R 1/06 (2006.01); **E05D 11/10** (2006.01)

CPC (source: EP)
B60R 1/0617 (2013.01); **E05D 5/10** (2013.01); **E05D 11/1078** (2013.01); **E05D 11/1085** (2013.01); **E05D 2005/102** (2013.01); **E05Y 2900/531** (2013.01)

Citation (search report)

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